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ICONOGRAPHY  
OF  
AUSTRALIAN SPECIES OF ACACIA  
AND  
COGNATE GENERA,

BY  
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,

GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

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"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUÆ DEUS CREAVIT."—*Prophetia Isaiæ*, lxx. 18.

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NINTH DECADE.

BY AUTHORITY:  
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

1888.

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## ACACIA TRIPTERA.

Bentham in Hooker's London Journal of Botany i. 325 (1842).

- 1, portion of a branchlet.
- 2, flower-bud.
- 3, unexpanded flower.
- 4, expanded flower, perfect.
- 5, flower, laid open, staminate only.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia triptera* Benth.





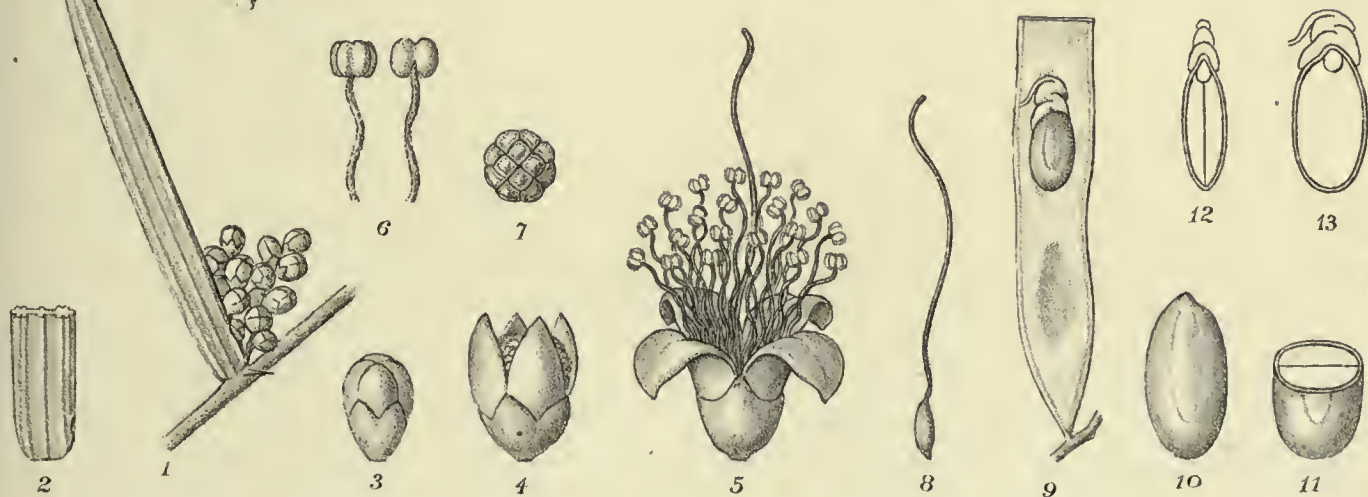


## ACACIA RHIGIOPHYLLA.

F. v. M. in Schlechtendal's *Linnaea* xxvi. 611 (1853).

- 1, portion of a branchlet.
- 2, portion of a phyllodium.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia rhigiophylla* F. v. M.







## ACACIA ALPINA.

F. v. M. fragmenta phytographiae Australiae iii. 129 (1863).

- 1, a phyllodium.
- 2, portion of inflorescence.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia alpina* F.v.M.





## ACACIA DALLACHIANA.

F. v. M. fragmenta phytographiae Australiae i. 7 (1858).

- 1, portion of a phyllodium.
- 2, portion of a spike before expansion.
- 3, portion of a spike, the flowers dropped.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit.

Steam Litho. Gov. Printing Office Melb.

**Acacia Dallachiana** F. v. M.





## ACACIA COCHLIOCARPA.

Meissner in der Botanischen Zeitung 10 (1855).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed, separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.





*Acacia cochliocarpa* Meissner.







## ACACIA CINCINNATA.

F. v. M. fragmenta phytographiae Australiae xi. 35 (1878).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12, longitudinal section of a seed, showing the cotyledons.
- 13, longitudinal section of a seed, showing the funicle.

All enlarged, but to various extent.



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F.v.M. direxit.

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***Acacia cincinnata* F.v.M.**





## ACACIA LATIFOLIA.

Bentham in Hooker's London Journal of Botany i. 382 (1842).

- 1, portion of an unexpanded spike.
- 2, bracts.
- 3 and 4, unexpanded flowers.
- 5, expanded flower.
- 6, flower, laid open, staminate only, one petal removed.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.





*Acacia latifolia* Benth.







## ACACIA TUMIDA.

F. v. M. in the Journal of the Linnean Society iii. 144 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direct.

Steam Litho Gov. Printing Office Melb

Acacia tumida FvM.





## ACACIA AULACOCARPA.

Cunningham in Hooker's London Journal of Botany i. 379 (1842).

- 1, portion of inflorescence.
- 2, bracts.
- 3, unexpanded flower.
- 4, staminate flower.
- 5, perfect flower, laid open.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, a seed, separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff, del. C. Troedel & Co. Lith.

F. v. M. direxit

Steam Litho. Gov. Printing Office, Melb.

**Acacia aulacocarpa** *A. Cunningham.*







## ACACIA AURICULIFORMIS.

Cunningham in Hooker's London Journal of Botany i. 377 (1842).

- 1, portion of an unexpanded spike.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower, perfect.
- 5, flower, laid open, staminate only.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



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*Acacia auriculiformis* A. Cunningham.











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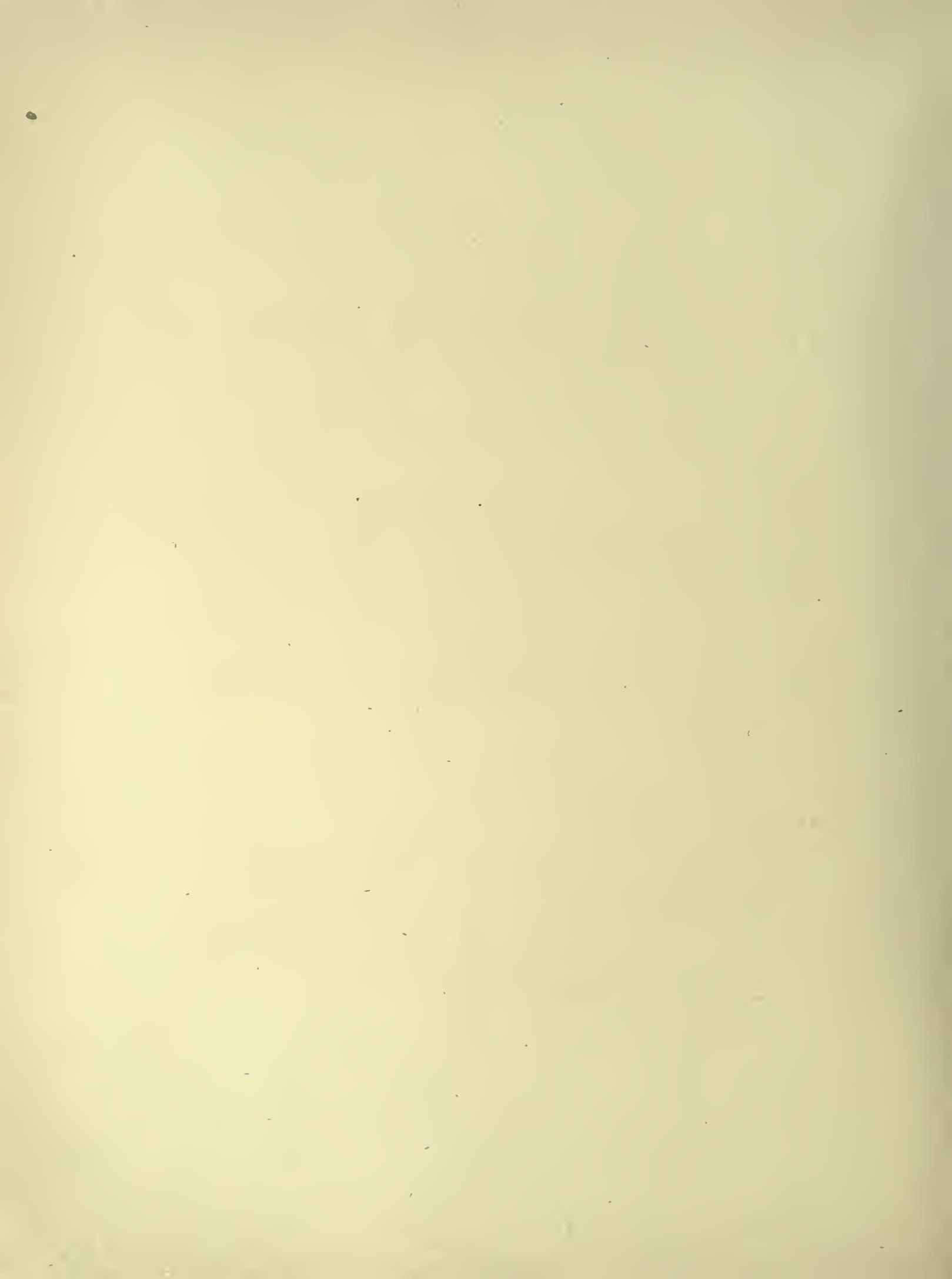
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## ACACIA DORATOXYLON.

Cunningham in Field's New South Wales 345 (1825).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del C. Troedel & Co. Lith.

F. & M. direct.

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*Acacia Doratoxylon* A. Cunningham.







## ACACIA TORULOSA.

Bentham in the Journal of the Linnean Society iii. 139 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13, longitudinal section of a seed, showing cotyledons and some albumen.
- 14, longitudinal section of a seed with its funicle.

All enlarged, but to various extent.



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F. v. M. direxit.

Steam Lith. Gov. Printing Office Melb.

*Acacia torulosa* Benth.





## ACACIA LEPTOSTACHYA.

Bentham, Flora Australiensis ii. 406 (1864).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit.

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*Acacia leptostachya* Bentham.





## ACACIA LYSIPHLOIA.

F. v. M. in the Journal of the Linnean Society iii. 137 (1858).

- 1, phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged; but to various extent.





# *Acacia lysiphloia* F.v.M.







## ACACIA LINARIOIDES.

Bentham in Hooker's London Journal of Botany i. 371 (1842).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4 and 5, flower-buds.
- 6, expanded perfect flower.
- 7, expanded flower, laid open, staminate only.
- 8, back- and front-view of a stamen.
- 9, pistil.
- 10, portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia linarioides* Benth.





## ACACIA CYPEROPHYLLA.

F. v. M. in Bentham's Flora Australiensis ii. 400 (1864).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





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F. v. M. direxit

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*Acacia cyperophylla.* F. v. M.





## ACACIA PITYOIDES.

F. v. M. in the Journal of the Linnean Society iii. 135 (1858).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.

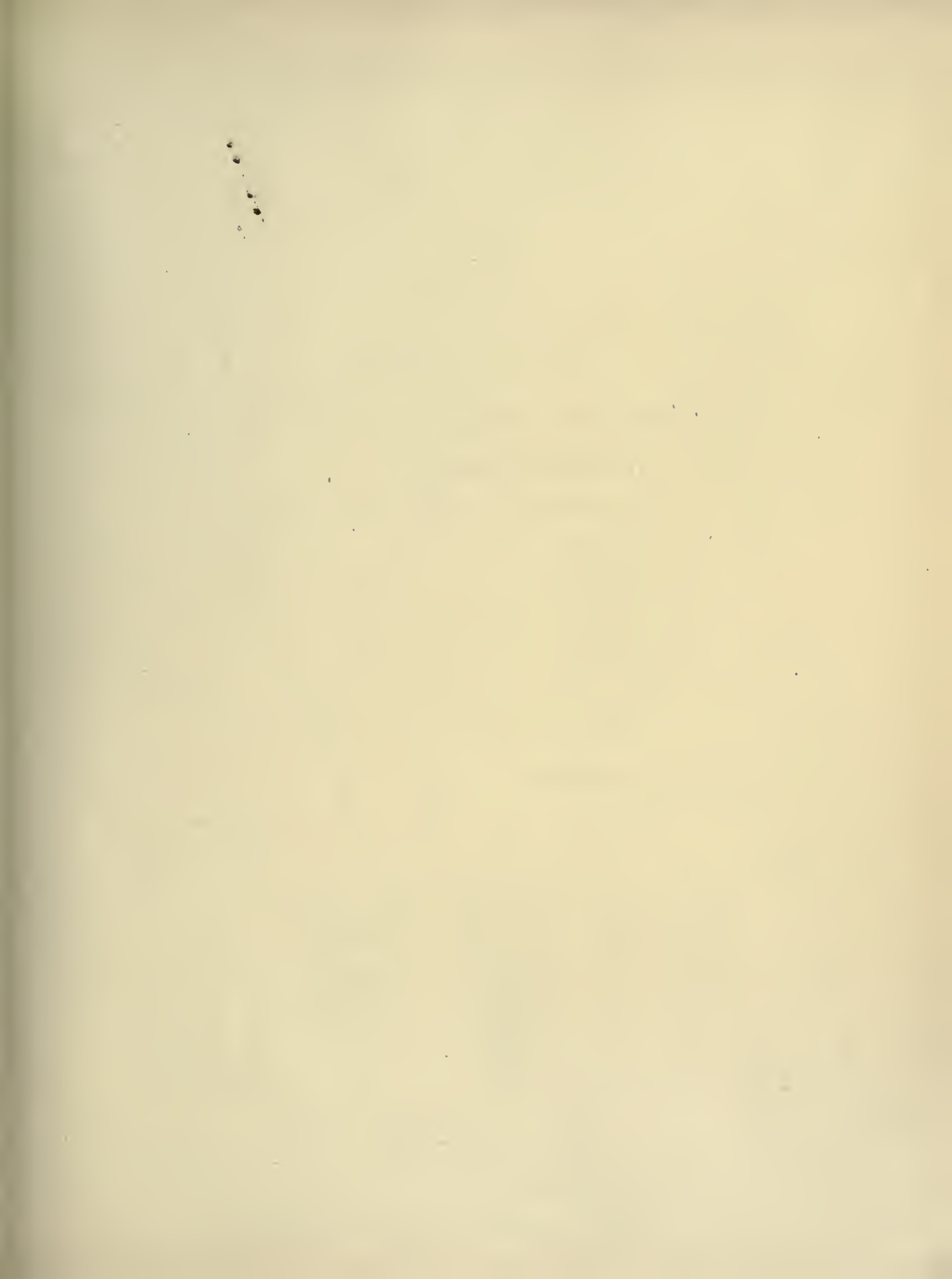




*Acacia pityoides* F.v.M.





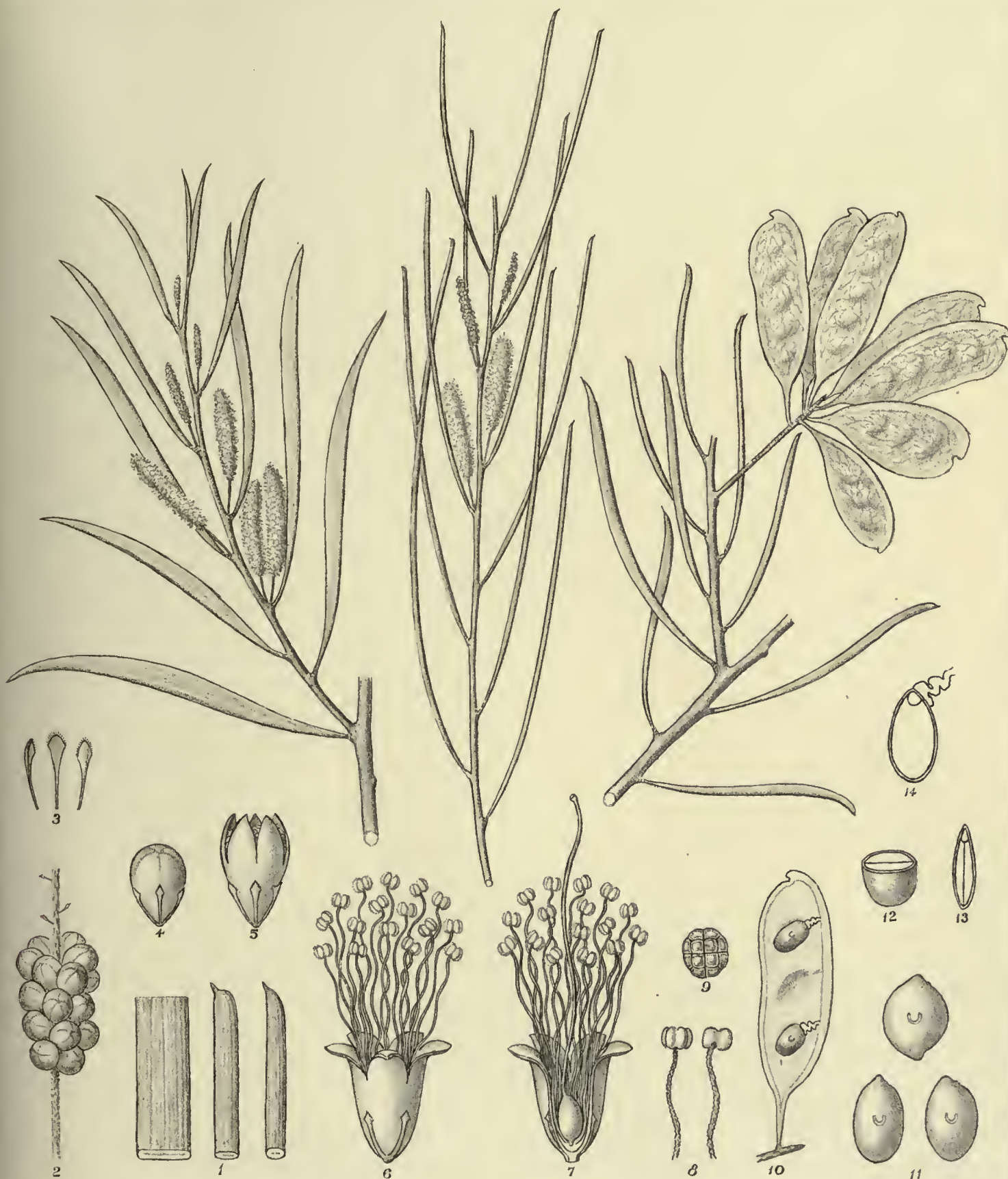


## ACACIA ANEURA.

F. v. M. in Schlechtendal's *Linnaea* xxvi. 627 (1853).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, staminate only.
- 7, perfect flower, laid open.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, a fruit-valve with seeds.
- 11, seeds separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



*Acacia aneura* F. v. M.





## ACACIA KEMPEANA.

F. v. M. in Melbourne Chemist and Druggist, July 1882.

- 1, portion of a phyllodium.
- 2, unexpanded spike.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower, staminate only.
- 7, perfect flower, laid open.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.





# *Acacia kempeana* F. v. M.





## ACACIA PLECTOCARPA.

Cunningham in Hooker's London Journal of Botany i. 375 (1842).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a valve of a young fruit with ovules.
- 12, lower portion of a valve of a ripe fruit with seeds.
- 13, a seed separated.
- 14, transverse section of a seed.
- 15 and 16, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedel & Co. Lith. F.v. M. direxit. Steam Litho Gov. Printing Office Melb.

*Acacia plectocarpa* A Cunningham.











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## ACACIA DELIBRATA.

Cunningham in Hooker's London Journal of Botany i. 374 (1842).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, back- and front-view of a stamen.
- 6, pistil.
- 7, portion of a fruit-valve with a seed.
- 8, a seed, separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.





*Acacia delibrata*. A. Cunningham.





## ACACIA GONOCLADA.

F. v. M. in the Journal of the Linnean Society iii. 140 (1858).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded perfect flower.
- 5, expanded flower, laid open, staminate only.
- 6, back- and front-view of a stamen.
- 7, pistil.
- 8, portion of a fruit-valve with a seed.
- 9, a seed, separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



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F.v.M. direxit

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*Acacia gonoclada* F.v.M.







## ACACIA STIPULIGERA.

F. v. M. in the Journal of the Linnean Society iii. 144 (1858).

- 1, portion of a branchlet.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded perfect flower.
- 5, expanded flower, laid open, staminate only.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



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F.v.M. direxit

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*Acacia stipuligera* F.v.M





## ACACIA ACRADENIA.

F. v. M. in the Journal of the Linnean Society iii. 142 (1859).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





*Acacia acradenia* F.v.M.





## ACACIA HOLCOCARPA.

Bentham, *Flora Australiensis* ii. 408 (1864).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded perfect flower.
- 6, expanded flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, portion of a fruit-valve with seeds.
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del C. Trödel & Co. Lith.

FvM direxit

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*Acacia holocarpa* Benth.







## ACACIA WICKHAMI.

Bentham in Hooker's London Journal of Botany i. 379 (1842).

- 1, phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded perfect flower.
- 7, expanded flower, laid open, staminate only.
- 8, back- and front-view of a stamen.
- 9, pistil.
- 10, portion of a fruit-valve with a seed.
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



# *Acacia Wickhami Benth.*





## ACACIA CONJUNCTIFOLIA.

F. v. M. fragmenta phytographiae Australiae xi. 68 (1879).

- 1, portion of a branchlet with phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedel. C<sup>o</sup> Lith.

F.v.M. direxit.

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*Acacia conjunctifolia* F.v.M.





## ACACIA XYLOCARPA.

A. Cunningham in Hooker's London Journal of Botany i. 370 (1842).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flowers.
- 5, expanded perfect flower.
- 6, expanded flower, staminate only, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, portions of a fruit-valve with seeds.
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedsl & Co. Lith.

F. v. M. direxit

Steam Litho Gov Printing Office. Melb.

**Acacia xylocarpa** *A. Cunningham.*







## ACACIA GONOCARPA.

F. v. M. in the Journal of the Linnean Society iii. 136 (1858).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit.

Steam Litho Gov. Printing Office Melb.

*Acacia gonocarpa* F. v. M.





## ACACIA DREPANOCARPA.

F. v. M. in the Journal of the Linnean Society iii. 137 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, a seed, separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.





*Acacia drepanocarpa* F. v. M.









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ACACIA DELIBRATA.

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XYLOCARPA.

GONOCARPA.

DREPANOCARPA.



ICONOGRAPHY  
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*GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.*

---

" GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUÆ DEUS CREABAT."—*Prophetia Isaïæ*, lxx. 18.

---

TWELFTH DECADE.

BY AUTHORITY:  
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PRICE—THREE SHILLINGS.



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1888.7



OK  
495  
A16  
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v. 12

## ACACIA PACHYCARPA.

F. v. M. in Journal of the Linnean Society iii. 139 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, staminate flower, laid open.
- 7, front- back- and side-view of stamens.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedel & Co. Lith.

Fv.M. direxit

Steam Litho Gov. Printing Office Melb.

*Acacia pachycarpa* Fv.M.





## ACACIA DENTICULOSA.

F. v. M. fragmenta phytographiae Australiae x. 32 (1876).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, perfect flower.
- 4, flower, laid open, staminate only.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.





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F. v. M. direxit

Steam Litho. Gov. Printing Office, Melb.

*Acacia denticulosa* F. v. M.





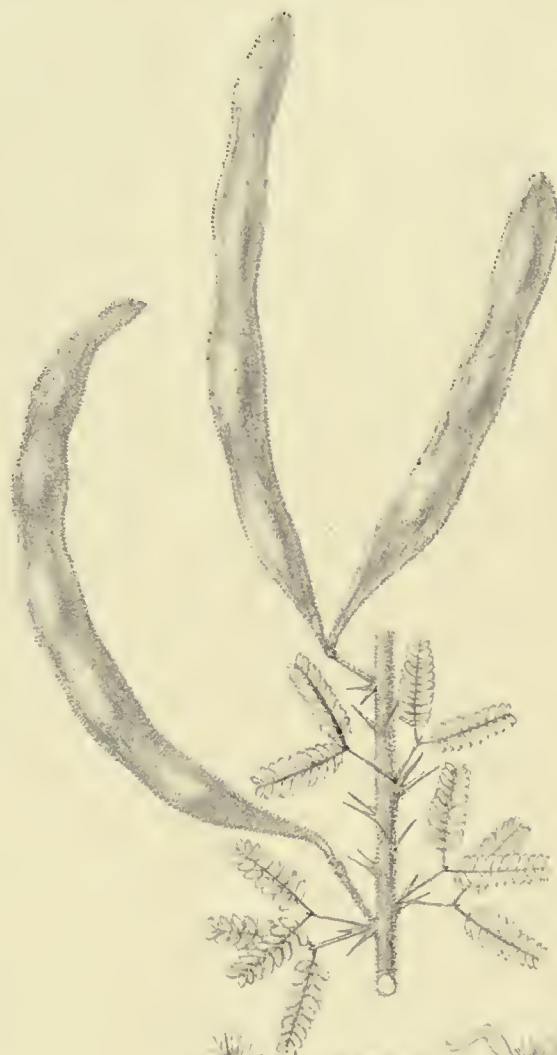


## ACACIA SUBEROSA.

Cunningham in Hooker's London Journal of Botany i. 499 (1842).

- 1, portions of a leaf.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, back- and front-view of stamens, one glandule-bearing.
- 8, pollen-grain.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



1

12

13



2



8



11



3



4



5



6



7



9



10

# **Acacia suberosa** *A. Cunningham.*





## ACACIA BIDWILLI.

Bentham in Schlechtendal's *Linnaea* xxvi. 629 (1853).

- 1, portions of a leaf.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower, staminate only.
- 7, expanded perfect flower, laid open.
- 8, front- side- and back- view of stamens, one glandule-bearing.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, two seeds separated.
- 13, transverse sections of two seeds.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedel & Co. Lith. F.v.M. direxit Steam Litho Gov. Printing Office Melb.

*Acacia Bidwilli* Bentham.





## ACACIA BAILEYANA.

F. v. M. in the transactions of the Royal Society of Victoria (1887).

- 1, portion of a leaf.
- 2, leaflets.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower, staminate only.
- 7, expanded perfect flower, laid open.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.





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F.v.M. direct

Steam Litho. Gov. Printing Office Melb.

# *Acacia Baileyana* F.v.M.



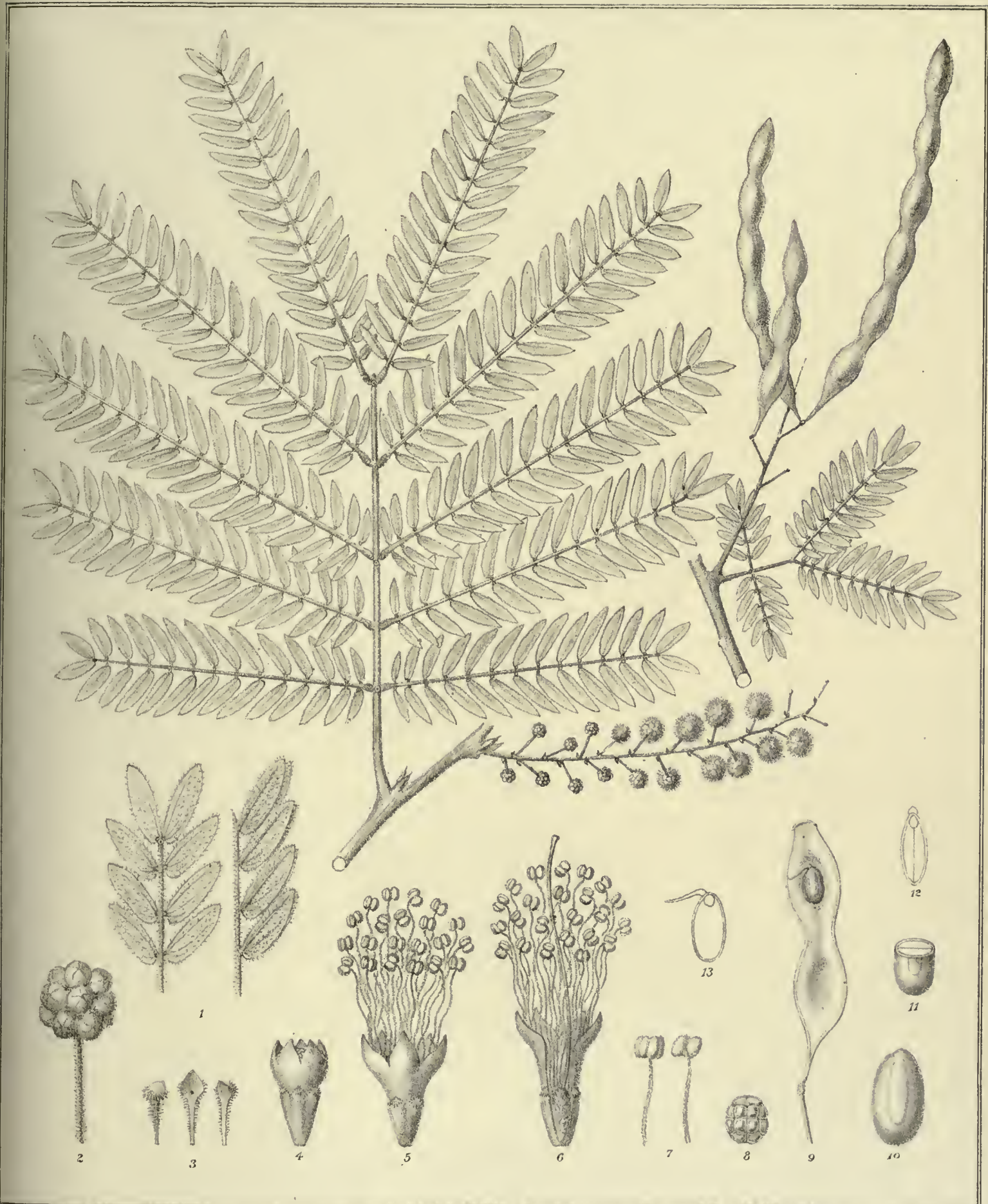




## ACACIA POLYBOTRYA.

Bentham in Hooker's London Journal of Botany i. 384 (1842).

- 1, portions of leaves.
  - 2, head of unexpanded flowers.
  - 3, bracts.
  - 4, unexpanded flower.
  - 5, expanded flower, staminate only.
  - 6, expanded perfect flower, laid open.
  - 7, front- and back-view of a stamen.
  - 8, pollen-grain.
  - 9, lower portion of a fruit-valve with a seed.
  - 10, a seed separated.
  - 11, transverse section of a seed.
  - 12 and 13, longitudinal sections of seeds.
- All enlarged, but to various extent.



P. Graff del. C. Troedel & Co. Lith.

F. v. M. direct.

Steam Litho. Gov. Printing Office Melb.

*Acacia polybotrya* Benth.







## ACACIA ELATA.

Cunningham in Hooker's London Journal of Botany i. 383 (1842).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Grall del. G. Troedel & Co Lith.

F. v. M. direct.

Steam Litho, Gov. Printing Office, Melb.

*Acacia elata.* A. CUNNINGHAM





## ACACIA SUTHERLANDI.

F. v. M. Albizzia Sutherlandi, F. v. M. fragmenta phytographiae Australiae vi.  
22 (1867).

- 1, portions of leaves.
- 2, portion of a spike of unexpanded flower.
- 3, bracts.
- 4, flower-buds.
- 5, unexpanded flower.
- 6, expanded flower, staminate only.
- 7, expanded perfect flower, laid open.
- 8, front- and back-view of a stamen, one glandule-bearing.
- 9, pistil.
- 10, portion of a fruit-valve with one seed.
- 11, two seeds separated.
- 12, transverse section of a seed.
- 13, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedel & Co Lith

F.v.M. direxit

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# Acacia Sutherlandi F.v.M.







## ALBIZZIA BASALTICA.

Bentham, Flora Australiensis ii. 422 (1864).

- 1, portions of leaves.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



*Albizzia basaltica* BENTHAM.





## ALBIZZIA THOZETIANA.

F. v. M. in Bentham's Flora Australiensis ii. 422 (1864).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower, staminate only.
- 5, expanded perfect flower, laid open.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.





# *Albizzia Thozetiana* F.v.M









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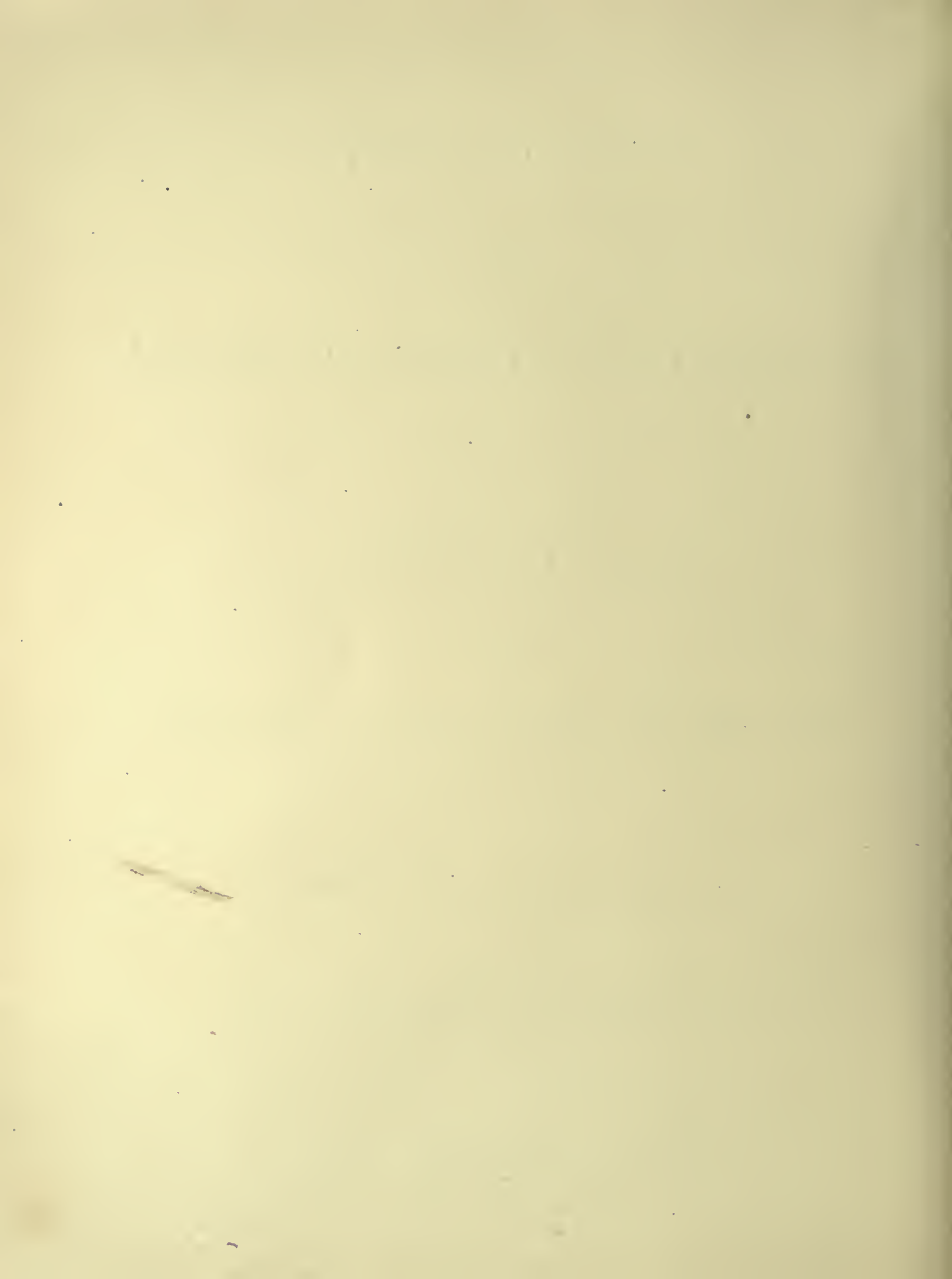
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## ALBIZZIA CANESCENS.

Bentham, *Flora Australiensis* ii. 423 (1864).

- 1, head of unexpanded flowers.
  - 2, bracts.
  - 3, flower-bud.
  - 4, unexpanded flower.
  - 5, expanded flower, staminate only.
  - 6, expanded perfect flower, laid open.
  - 7, front- and back-view of a stamen.
  - 8, pollen-grain.
  - 9, pistil.
  - 10, lower portion of a fruit-valve with a seed.
  - 11, two seeds separated.
  - 12, transverse section of a seed.
  - 13 and 14, longitudinal sections of seeds.
- All except 10 enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith. F. v. M. direct. Steam Litho Gov. Printing Office. Melb.

*Albizzia canescens* Benth.





## ALBIZZIA PRUINOSA.

F. v. M. in Trimen's Journal of Botany 9 (1872).

- 1, bracts.
- 2, flower-bud.
- 3 and 4, unexpanded flowers.
- 5, expanded flower, laid open.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, lower portion of a fruit-valve with seeds.
- 9, a seed separated.
- 10, transverse sections of two seeds.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.





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*Albizzia pruinosa* FvM.





## ALBIZZIA MONILIFERA.

F. v. M. in Trimen's Journal of Botany 10 (1872).

- 1, bracts.
- 2, portion of an inflorescence.
- 3 and 4, unexpanded flowers.
- 5, expanded flower, laid open.
- 6, front-, side- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





# ***Albizzia monilifera* F.v.M.**







## ALBIZZIA TOZERI.

F. v. M. in Trimen's Journal of Botany 10 (1872.)

- 1, bracts.
- 2, unexpanded flower. .
- 3, expanded flower, laid open.
- 4, front- and back-view of a stamen.
- 5, pollen-grains.
- 6, pistil.
- 7, lower portion of a fruit-valve with two seeds.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



# *Albizzia Tozerii* F.v.M.





## ALBIZZIA HENDERSONI.

F. v. M. in Trimen's Journal of Botany 10 (1872).

- 1, bracts.
- 2, flower-bud.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front-, side- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with seeds.
- 9, two seeds separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.





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F.v.M. direxit

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**Albizzia Flenderstoni F.v.M.**





## ALBIZZIA LUCYI.

F. v. M., Archidendron Lucyi, F. v. M. fragmenta phytographiae Australiae  
vi. 201 (1868).

- 1, flower-bud.
- 2, unexpanded flower.
- 3, expanded flower, laid open.
- 4, front- and back-view of a stamen.
- 5, pollen-grain.
- 6, pistils.
- 7, lower portion of a fruit-valve with a seed.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.





R Graff del, C Troedel & Co Litho

F.v.M. direct

Stear Litho, Gov Printing Office, Melb.

# *Albizzia Lucyi* F.v.M







## ALBIZZIA VAILLANTII.

F. v. M., Archidendron Vaillantii, F. v. M. fragmenta phytographiae Australiae  
v. 60 (1865).

- 1, bracts.
- 2, expanded perfect flower.
- 3, expanded flower laid open, staminate only
- 4, front- and back-view of a stamen.
- 5, pollen-grain.
- 6, pistils.
- 7, lower portion of a fruit-valve with a seed.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del., C. Troedel & C<sup>o</sup> Lith.

FvM. direxit

Steam Litho, Gov. Printing Office, Méli.

*Albizzia Vaillantii* FvM





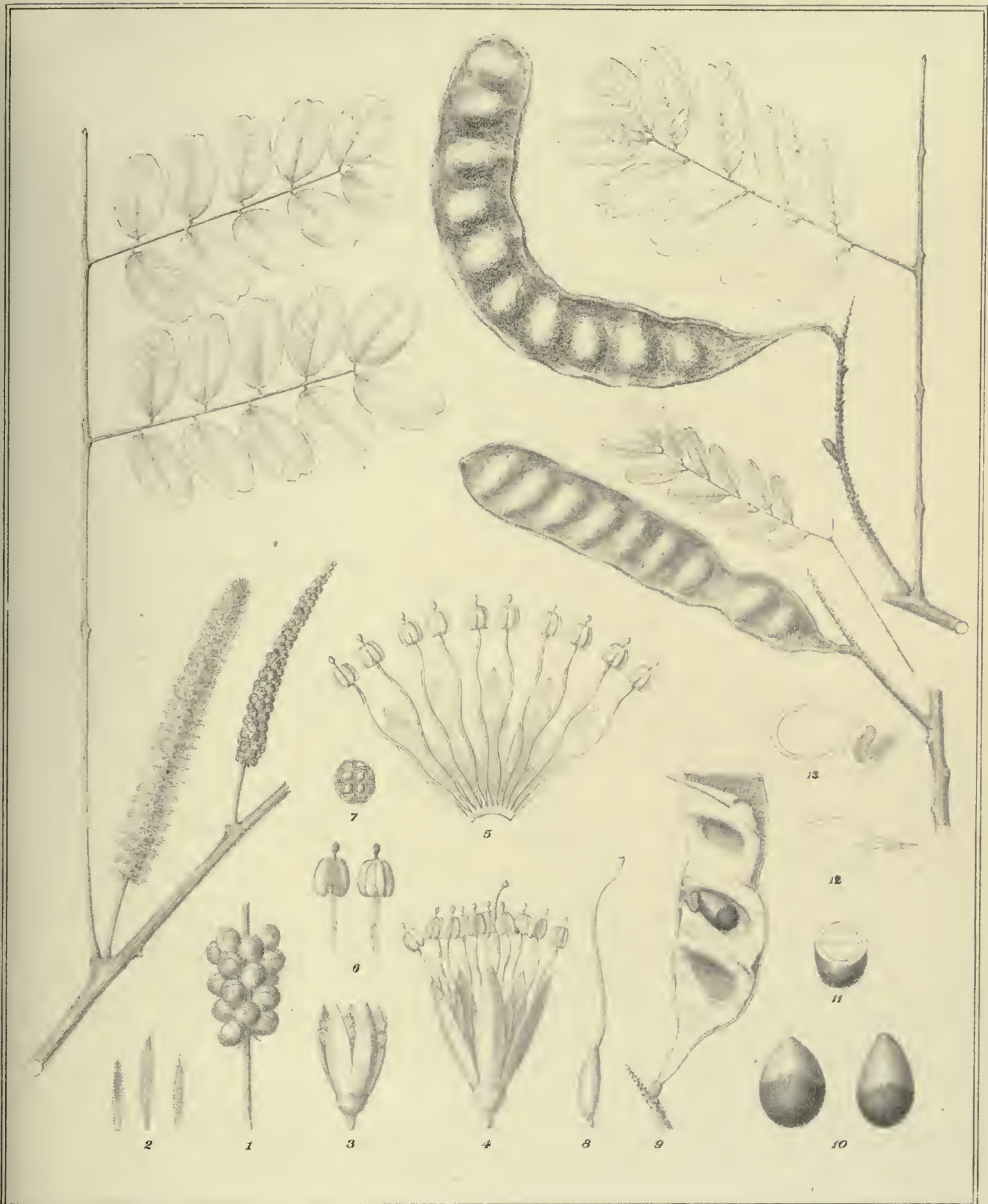
## ADENANTHERA ABROSPERMA.

F. v. M. fragmenta phytographiae Australiae v. 30 (1865).

- 1, portion of a spike of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, flower, laid open.
- 6, back- and front-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, two seeds separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





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F. v. M. direxit.

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**Adenanthera abrosperma** *F. v. M.*





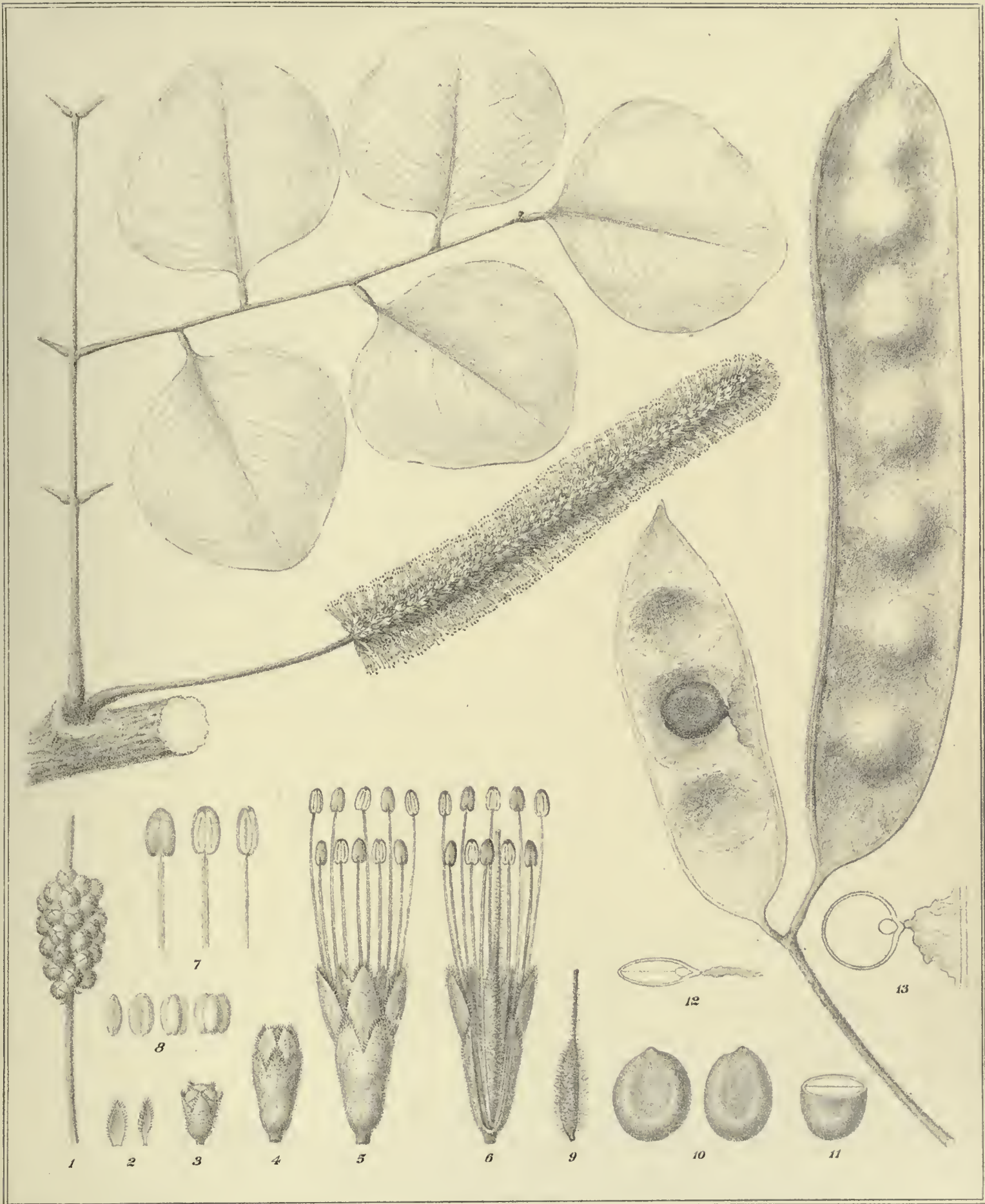
## ERYTHROPHLAEUM LABOUCHERII.

F. v. M. in Bentham's Flora Australiensis ii. 297 (1864).

- 1, portion of a spike of unexpanded flowers.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, back-, front- and side-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, two seeds.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.





R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit

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**Erythrophlaeum Labouchei** *F. v. M.*







## NEPTUNIA GRACILIS.

Bentham in Hooker's Journal of Botany iv. 355 (1842).

- 1, transverse section of a tuber.
- 2, portions of leaves.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, flower-buds.
- 6, unexpanded flower.
- 7, expanded sterile flower.
- 8, expanded fertile flower, staminate only.
- 9, expanded perfect flower.
- 10, staminate flower, laid open.
- 11, back- and front-view of a stamen.
- 12, pollen-grains.
- 13, pistil.
- 14, lower portion of fruit-valve with seeds.
- 15, a seed separated.
- 16, transverse section of a seed.
- 17 and 18, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & C<sup>o</sup> Lith

F. v. M. direxit.

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**Neptunia** *gracilis* BENTHAM.



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DECADES I.—XIII.  
1887—1888.

BY AUTHORITY:  
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.  
—  
1888.





TO  
HIS EXCELLENCY  
SIR HENRY BROUGHAM LOCH,  
G.C.M.G., K.C.B.,  
Governor of Victoria,

THIS VOLUME  
*ON A LARGE SYSTEMATIC ASSEMBLAGE OF PLANTS,*  
PARTICULARLY IMPORTANT FOR HORTICULTURE AND TECHNOLOGY,  
AND  
NUMERICALLY PREDOMINANT  
IN  
HER MAJESTY'S AUSTRALIAN DOMINIONS,  
Is Dedicated  
IN PROFOUNDTEST OBEDIENCE.



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